

Converting Colors

YIQ(241.1910, 8.8070, -21.9530)

Have a look what the booklet for
YIQ(241.1910, 8.8070, -21.9530)
contains.

YIQ(241.1910, 8.8070, -21.9530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(241.1910, 8.8070,
-21.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFDC2
RGB	236, 253, 194
RGB Percent	93%, 99%, 76%
CMY	0.0746, 0.0078, 0.2391
CMYK	0.07, 0.00, 0.23, 0.01
HSL	77°, 94%, 88%
HSV	77°, 23%, 99%
XYZ	79.4529, 91.9804, 64.6174
YIQ	241.1910, 8.8070, -21.9530

Conversions

Conversions Part 2

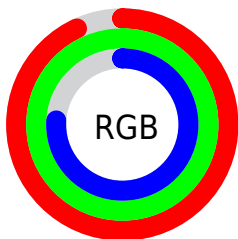
Format	Color
RYB	194, 253, 211
Decimal	15531458
CIELab	96.81, -15.25, 26.43
CIELCh	97, 30.518, 119.987
Yxy	91.9804, 0.3366, 0.3897
Android (android.graphics.Color)	4293721538 (0xFFEFCDC2)
YUV	241.1910, -23.2652, -4.5525
Hunter-Lab	95.9064, -19.9593, 27.1876

Details

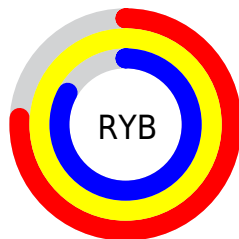
The YIQ color $241.1910, 8.8070, -21.9530$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $205.8090, -8.8070, 21.9530$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $254.5440, 1.2840, -1.2440$, and $184.8320, 8.4400, -20.8080$ is the 20% darker color. If you saturate the color by 10%, you get $236.2480, 12.6600, -31.2120$, and if you desaturate by 10%, it is $246.1340, 4.9540, -12.6940$.

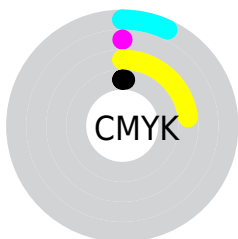
Distribution



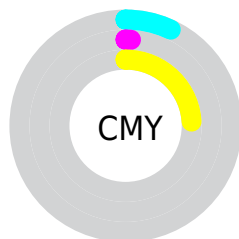
- Red (93%)
- Green (99%)
- Blue (76%)



- Red (76%)
- Yellow (99%)
- Blue (83%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (7%)
- Magenta (1%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.1910, 8.8070, -21.9530 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 241.1910, 8.8070, -21.9530 by changing the saturation by 10% instead.

241.1910, 8.8070,
-21.9530

241.1910, 8.8070,
-21.9530

255.0000, -0.0000,
-0.0000

212.7180, 8.7610,
-21.1190

254.5440, 1.2840,
-1.2440

184.8320, 8.4400,
-20.8080

157.9460, 8.1190,
-20.4970

131.7610, 7.2020,
-20.3980

106.2880, 7.1560,
-19.5640

81.5160, 6.5140,
-18.9420

58.6300, 6.1930,

-18.6310

■ 36.2710, 5.8260,
-17.4860

■ 15.8490, -7.4250,
-14.1210

■ 241.1910, 8.8070,
-21.9530

■ 241.1910, 8.8070,
-21.9530

■ 236.2480, 12.6600,
-31.2120

■ 246.1340, 4.9540,
-12.6940

■ 230.8920, 16.2380,
-40.9940

■ 251.4900, 1.3760,
-2.9120

■ 225.9490, 20.0910,
-50.2530

■ 253.8260, 0.5500,
1.0460

■ 221.0060, 23.9440,
-59.5120

■ 215.7640, 27.2010,
-68.9830

■ 210.7070, 31.3750,
-78.5530

■ 205.7640, 35.2280,
-87.8120

■ 202.3310, 37.7050,
-94.1590

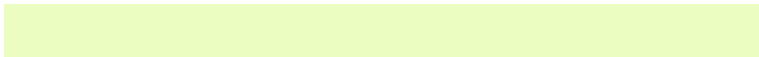
Harmonies

Analogous

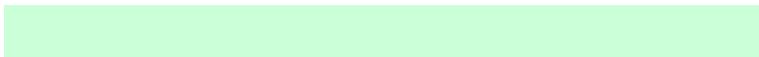
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7910, 24.8530, -15.3950



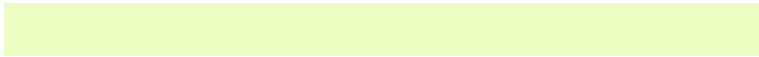
241.1910, 8.8070, -21.9530



234.5930, -18.7480, -23.6760

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.1910, 8.8070, -21.9530



231.0800, -47.6800, -16.9600



236.4780, 10.8180, 13.2020

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



241.1910, 8.8070, -21.9530



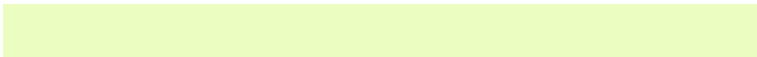
205.8090, -8.8070, 21.9530

Split Complementary

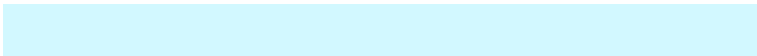
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.7380, 7.1500, 13.5980



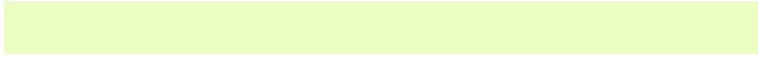
241.1910, 8.8070, -21.9530



237.4360, -24.8950, -5.8790

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.1910, 8.8070, -21.9530



226.8940, -56.0240, -19.9280



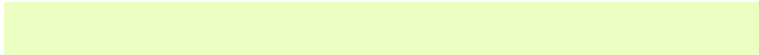
243.8250, 2.2910, 8.0430



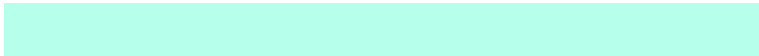
234.3460, 19.5770, 3.1370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.1910, 8.8070, -21.9530



230.8930, -37.0880, -21.6960



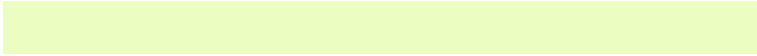
243.8250, 2.2910, 8.0430



237.3900, 8.2500, 15.6900

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



241.1910, 8.8070, -21.9530



251.4530, 2.7980, -6.6580



221.6200, 30.4890, 3.6170



125.8490, 1.7430, -4.0570



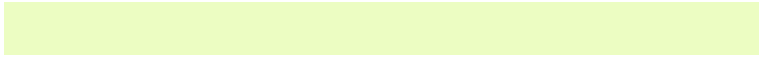
0.0000, 0.0000, 0.0000



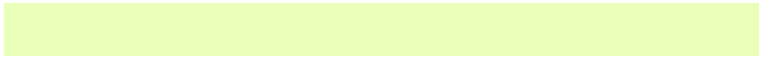
128.0000, -0.0000, -0.0000

Same Dimension

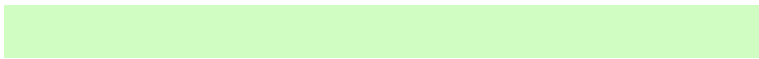
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.1910, 8.8070, -21.9530



240.6270, 10.2750, -26.5330



232.5200, -8.4770, -28.1010



125.3220, 1.7890, -4.8910



152.7810, 28.5310, -71.0610



51.0230, 9.2200, -23.9320

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



205.8090, -8.8070, 21.9530



198.0740, -10.8710, 26.3210



214.4800, 8.4770, 28.1010



117.3790, -2.3850, 4.6790



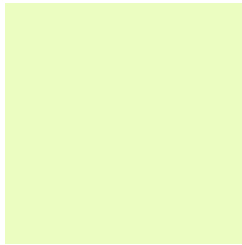
38.2190, -28.5310, 71.0610



12.6780, -9.8160, 23.7200

Previews

White Background



This preview shows how the YIQ color 241.1910, 8.8070, -21.9530 looks on a white background.

Color Contrast Check

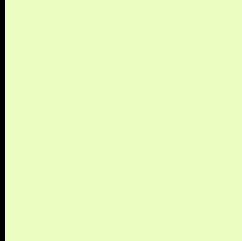
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 241.1910, 8.8070, -21.9530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

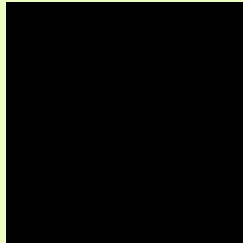
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

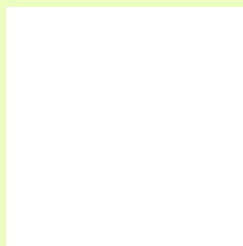
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.1910, 8.8070, -21.9530

Background



This preview shows how black text looks on a background with the YIQ color 241.1910, 8.8070, -21.9530.



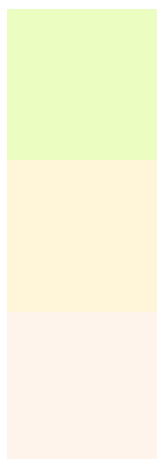
This preview shows how white text looks on a background with the YIQ color 241.1910, 8.8070,

-21.9530.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

241.1910, 8.8070, -21.9530

Protanopia

244.6840, 15.2690, -6.8990

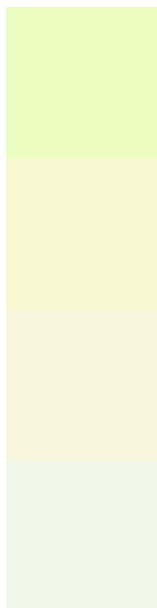
Deuteranopia

246.3770, 9.1240, -0.1560

Tritanopia

246.4390, -2.6140, 3.3220

Trichromacy



Original Color

241.1910, 8.8070, -21.9530

Protanomaly

243.4400, 12.8400, -12.4400

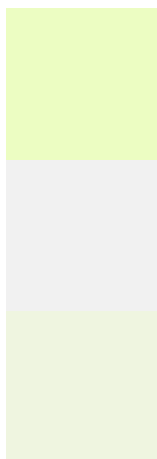
Deuteranomaly

244.3350, 8.9420, -7.8740

Tritanomaly

244.4960, 1.2390, -5.9370

Monochromacy



Original Color

241.1910, 8.8070, -21.9530

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.8120, 3.1650, -7.8030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.1910, 8.8070, -21.9530 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(236, 253, 194)` looks like.

```
.text, #text, p{  
    color:rgb(236, 253, 194)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(236, 253, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 253, 194) }
```

Border

The CSS property to change the border of an element to YIQ 241.1910, 8.8070, -21.9530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(236, 253, 194) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(236, 253, 194) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(236, 253, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 253, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 253, 194);  
box-shadow:4px 4px 4px 4px rgb(236, 253,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 241.1910, 8.8070, -21.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 253, 194) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(236,  
253, 194) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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